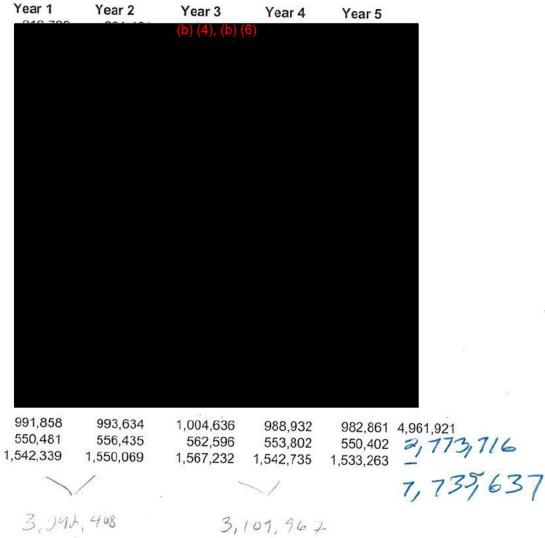
BUDGET INFORMATION - Non-Construction Programs

					A - BUDGET SUM		RY			-	
Grant Program Catalog of Federal Domestic Assistance			Estimated Und			New or Revised Budget					
or Activity	Number		Federal		Non-Federal		Federal		Non-Federal		Total
(a)	(b)		(c)		(d)		(e)		(f)		(g)
1. Duke-R833293	7/10	\$	1,533,262.00	\$		\$		\$		\$	1,533,262.00
2.			***************************************								0.00
3.											0.00
4.											0.00
5. Totals		\$	1,533,262.00	\$	0.00	\$	0.00	\$	0.00	\$	1,533,262.00
			SECTIO)N B	- BUDGET CATE						
6. Object Class Catego	ries				GRANT PROGRAM, FI		TION OR ACTIVITY				Total
		(1)		(2)		(3) (b) (4), (b) (6)					(5)
c. Travel											
e. Supplies f. Contractual	· ·	1									
g. Construction											
h. Other		İ									
i. Total Direct Ch	narges (sum of 6a-6h)										
j. Indirect Charge	es										
k. TOTALS (sum	of 6i and 6j)	\$	1,533,262.00	\$	0.00	\$	0.00	\$	0.00	\$	1,533,262.00
7. Program Income		\$		\$		\$		\$		\$	0.00
		\$		\$	0.00	\$	0.00	\$	0.00	\$	

	SECTION	C - NON-F	EDERAL RE	SOURCES			e Telle	
(a) Grant Program		(b) A _l	oplicant	(c) State	9	(d) Other Sources		(e) TOTALS
8.		\$		\$		\$	\$	0.00
9.						72		0.00
10.							0.00	
11.								0.00
12. TOTAL (sum of lines 8-11)			0.00	\$	0.00	\$ 0.00	\$	0.00
is a second seco	SECTION	D - FOREC	ASTED CA	SH NEEDS				<u> </u>
	Total for 1st Year	1st (Quarter	2nd Quarte	er	3rd Quarter		4th Quarter
13. Federal	\$ 0.00	\$		\$		\$	\$	
14. Non-Federal	0.00		%					
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$	0.00	\$	0.00	\$ 0.00	\$	0.00
SECTION E - BUI	DGET ESTIMATES OF	FEDERAL	FUNDS NEE	DED FOR BAL	ANCE	OF THE PROJECT		-
(a) Grant Program		FUTURE FUNDING PERIODS (Years)						
		(b)	First	(c) Secon	nd	(d) Third		(e) Fourth
16.		\$		\$		\$	\$	51
17.								
18.					1			
19.								
20. TOTAL (sum of lines 16-19)			0.00	\$	0.00	\$ 0.00	\$	0.00
a	SECTION F	- OTHER E	BUDGET INF	ORMATION				
21. Direct Charges: \$982,860.00			22. Indirect Charges: MDC @56% = 550,402.00					
23. Remarks:								
23. Remarks:		200000	594500					

Children's Environmental Health Center

6200 (No. 1000)	proper account	
Admin	Subtotal	(b) (4)
	Indirect C	
	Compone	
DBR	Subtotal	
	Indirect C	
	Compone	
Clinical OB	Subtotal	
	Indirect Co	
	Componer	
	- ompone.	
Mice	Subtotal	
	Indirect Co	
	Componer	
	- omponer	
GISSA	Subtotal	
	Indirect Co	
	Componer	
	· · · · · · · · · · · · · · · · · · ·	
COTC	Subtotal	
	Indirect Co	
	Componer	
Direct Total	_	
Indirect Total	-	
Center Total		



SPS#		WBS ELEMENT	Total directs balance	as of 3/21/2012
176273	COMPOSITE			
176274	Admin-Miranda	343-9360	(b) (4), (b) (6)	
176276	Admin- Richard Auten	343-9362	- Mark Marketon in Mark	
176277	Admin-Geeta Swamy	343-9363		
176278	Admin-Evan Myers	343-9364		
176280	Core A-DBR Miranda	343-9366		
176281	Core B-Clin OB Redford Williams	343-9367		
176282	Core B-Clin OB Allison Ashley-Koch	343-9369		
176283	Core B-Clin OB Miranda	343-9370		
176284	Core C-Mouse Auten	343-9371		
176285	Core C-Mouse Mike Foster	343-9372		
176286	GISSA - Miranda	343-9373		
176287	GISSA - Alan Gelfand	343-9374		
176288	GISSA - Ashley-Koch	343-9376		
176289	GISSA - Reiter	343-9377		
176290	COTC - Miranda	343-9378		
		TOTAL	\$ 410,193	

COMPOSITE		Total directs balance
Admin-Miranda	343-9360	(b) (4), (b) (6)
Admin- Richard Auten	343-9362	
Admin-Geeta Swamy	343-9363	
Admin-Evan Myers	343-9364	
Core A-DBR Miranda	343-9366	
Core B-Clin OB Sanford Williams	343-9367	
Core B-Clin OB AllisonAshley-Koch	343-9369	
Core B-Clin OB Miranda	343-9370	
Core C-Mouse Auten	343-9371	
Core C-Mouse Mike Foster	343-9372	
GISSA - Miranda	343-9373	
GISSA - Alan Gelfand	343-9374	
GISSA - Ashley-Koch	343-9376	
GISSA - Reiter	343-9377	
COTC - Miranda	343-9378	
		\$ 272,070 3/2

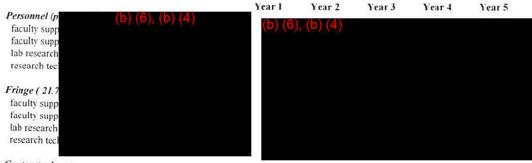
Children's Environmental Health Center - GIS and Statistical Analysis

Year 1 Year 2 Year 3 (b) (6), (b) (4) Personnel (b) (6), (b) (4) faculty sup faculty sun faculty sup faculty sur faculty sup faculty sur faculty sup faculty sup faculty sur GIS analys GIS analys statistics p statistics g statistics g statistician analyst pro Fringe (21. faculty sup faculty sur faculty sup faculty sur faculty sup faculty sur faculty sup faculty su faculty sur GIS analy GIS analy statistics p statistics g

Year 4

Year 5

Children's Environmental Health Center - Mice



Contractual costs

Julie Hofheimer

Equipment

Supplies Inbred mouse strains, breeding pairs Veterinary medications Surgical instruments and supplies Antibodies Avidin-biotin amplification kits/ substrate staining kits cRNA transcription kit cRNA multi-probe templates P-UTP isotope Cytokine assay beads General lab supplies Travel Other Animal care costs Histology laboratory services Subtotal Indirect Costs (55.5%, 56%, 56%, 56%, 56%) **Grant Total** 243,016 248,279 244,527 231,992 238,581 Personnel Subtotal fringe subtotal supplies their subtotals

Personnel (percent effort)

faculty support - Marie Lynn Miranda (20%) PI faculty summer support - Marie Lynn Miranda (20%) I faculty support - Sherman James (5%) faculty support - Marcy Speer (5%) faculty support - Marcy Speer (5%) faculty support - Geeta Swamy (50%) YI faculty support - Christina Gibson-Davis (20%) YI faculty summer support - Christina Gibson-Davis (20° project manager - Patricia McMillan (30%)

Fringe (21.7%, 22.5%, 22.5%, 22.5%, 22.5%) faculty support - Marie Lynn Miranda (20%) PI

faculty support - Sherman James (5%) faculty summer support - Sherman James (5%) faculty support - Marcy Speer (5%) faculty support - Geeta Swamy (50%) YI faculty support - Christina Gibson-Davis (20%) YI faculty summer support - Christina Gibson-Davis (20%) project manager - Susan Herst (30%)

faculty summer support - Marie Lynn Miranda (10%) |

Contractual costs

Jon Freedman Arline Geronimus Julie Hofheimer Montserrat Fuentes Dennis Clements Philip Heine Pathik Wadhwa

Equipment

Supplies

computer, software, upgrades for project manager misc

Travel

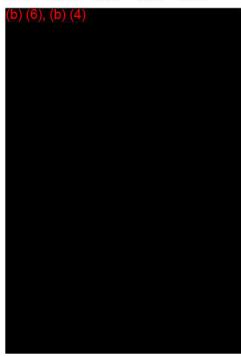
CEHC meetings scientific meetings YI travel external advisory committee meetings

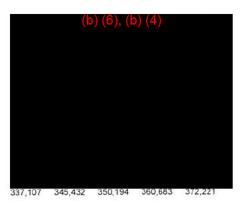
Other

YI training retreats and meetings website design and maintenance computer usage fee (Speer)

Subtota

Indirect Costs (55.5%, 56%, 56%, 56%, 56%) Grant Total Year 1 Year 2 Year 3 Year 4 Year 5

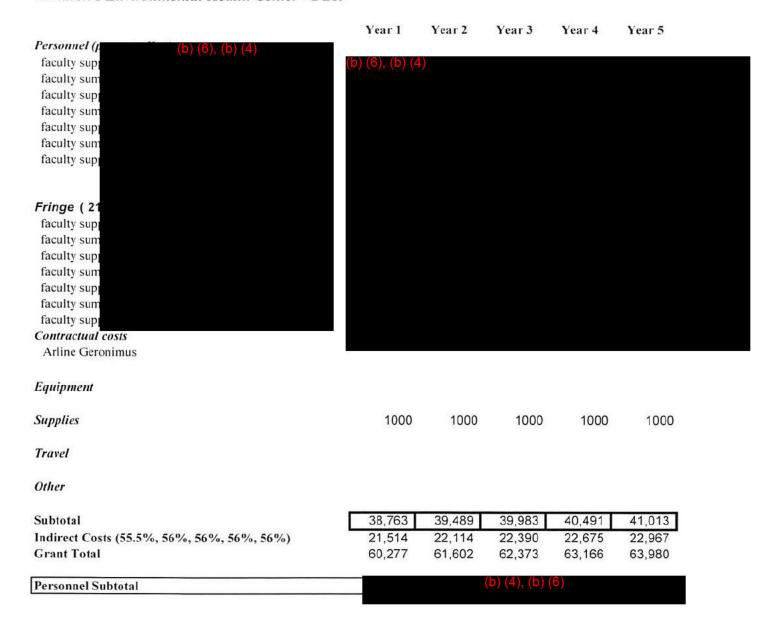




Children's Environmental Health Center

			Year 1	Year 2	Year 3	Year 4	Year 5	
Admin	Subtotal Indirect Cos Component	(b) (6), (b) (4)			(b) (4), (b) (6)			
DBR	Subtotal Indirect Cos Component							
Clinical OB	Subtotal Indirect Cos Component							
Mice	Subtotal Indirect Cos Component							
GISSA	Subtotal Indirect Cos Component							
сотс	Subtotal Indirect Cost Component							
Direct Total			991,858	993,634	1,004,636	988,932	982,861	4,961,921
Indirect Total			550,481	556,435	562,596	553,802	550,402	
Center Total			1,542,339	1,550,069	1,567,232	1,542,735	1,533,263	

Children's Environmental Health Center - DBR



Children's Environmental Health Center - Clinical OB earliest start date

Personnel (percent effort)

faculty support - Redford Williams (10%) PI faculty support - Christina Gibson-Davis (10%) faculty summer support - Christina Gibson-Davis (10%)

faculty support - Marcy Speer (5%)

faculty support - Alan Gelfand (10%)

faculty summer support - Alan Gelfand (10%)

faculty support - Alison Ashley-Koch (10%)

faculty support - Geeta Swamy (10%)

research tech II - genetics (0%, 25%, 100%, 100%, 50%)

project manager/study coordinator - TBN (100%)

project manager/study coordinator - TBN (100%, 100%, 50%, 0%, 0%) student interns - TBN

community interns - for neighborhood assessments

Fringe (21.7%, 22.5%, 22.5%, 22.5%, 22.5%)

faculty support - Redford Williams (10%) PI

faculty support - Christina Gibson (10%)

faculty summer support - Christina Gibson (10%)

faculty support - Marcy Speer (5%)

faculty support - Alan Gelfand (10%)

faculty summer support - Alan Gelfand (10%)

faculty support - Alison Ashley-Koch (10%)

faculty support - Geeta Swamy (10%)

research tech II - genetics (0%, 25%, 100%, 100%, 50%)

project manager/study coordinator - TBN (100%)

project manager/study coordinator - TBN (100%, 100%, 50%, 0%, 0%)

student interns - TBN

community interns - for neighborhood assessment

Contractual costs

Equipment

Supplies misc

molecular biology reagents (CHG)

Travel

Other

laboratory supplies participant incentives (\$40 per participant) biological samples (900 @ 130 - metals, nic) DNA banking and extraction

Duke referral laboratory services

cytokine analysis

lab access

computer access fee

Subtotal

Indirect Costs (55.5%, 56%, 56%, 56%, 56%)

Grant Total

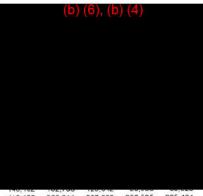
Personnel Subtotal

fringe subtotal

Year 1 Year 2 Year 3 Year 4 Year 5



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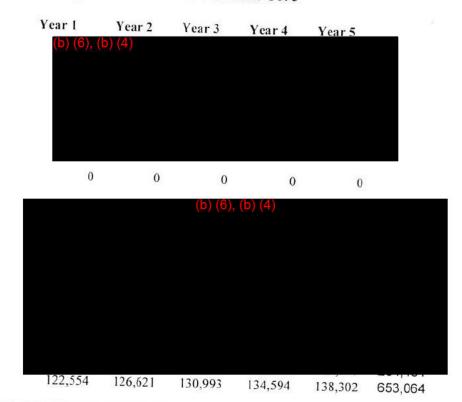


415,176 369,811 357,996 250,535 225,434

(b) (4), (b) (6)

Children's Environmental Health Center - Community Outreach and Translation Core

Personnel (p	percent effort)
	ctor - Joshua Tootoo (80%) Pl
project man	nager - TBN (100%)
Fringe (21.7	7%, 22.5%, 22.5%, 22.5%, 22.5%)
COTC direc	ctor - Joshua Tootoo (80%) PI
project man	ager - TBN (100%)
Contractual	costs
Equipment	
Supplies	
Travel	
Other	
Subtotal	
Indirect Cost	s (55.5%, 56%, 56%, 56%, 56%)
Grant Total	, , , , , , , , , , , , , , , , , , , ,



Personnel Subtotal

Grant Total

statistics graduate student - TBN (100%) statistician III (0%, 15%, 30%, 30%, 15%) analyst programmer II - (0%, 10%, 15%, 15%, 5%)

Contractual costs

Montserrat Fuentes

Equipment

Supplies

Travel

Other

computer usage fee lab access fee data acquisition hardware, software and upgrades server capacity

Subtotal

Indirect Costs (55.5%, 56%, 56%, 56%, 56%) Grant Total () () () () () ()

(b) (4), (b) (6) 123,371 133,333 364,209 398,323 421,148 501,764 494,743

Personnel Subtotal

(b) (4), (b) (6)

BUDGET INFORMATION — Non-Construction Programs

		S	ECTION A — BUDGET SUMM.	ARY			
Grant Program Function	Catalog of Federal Domestic Assistance	Estimated	Unobligated Funds	New or Revised Budget			
or Activity (a)	Number (b)	Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)	
1. Duke - R833293		\$ 7,735,637	S	\$ 7,735,637	\$	\$ 7,735,637	
2.						0	
3.						0	
4.						0	
5. TOTALS		\$ 7,735,637	\$	\$	\$	\$ 7,735,637	
		SE	CTION B — BUDGET CATEGO	RIES			
en la mention de la company		GRANT PROGRAM, FUNCTION OR ACTIVITY				T-1-1	
6. Object Class Categories		(1)	(2)	(3)	(4)	Total (5)	
a. Personnel			(b) (4), (b) (6)		s	\$	
b. Fringe Benefits							
c. Travel							
d. Equipment							
e. Supplies							
f. Contractual							
g. Construction							
h. Other							
i. Total Direct Charges (su	m of 6a - 6h)						
j. Indirect Charges							
k. TOTALS (sum of 6i and	6j)	\$ 7,735,637	s	\$ 7,735,637	\$	\$	
CHARLES HAVE AND LONG						60 (60 (60 (60 (60 (60 (60 (60 (60 (60 (
7. Program Income		s	s	s	s	s	

	SECTION	N C — NON-FEDI	ERAL RESOU	RCES		
(a) Grant Progran	n	(b) Ap	plicant	(c) State	(d) Other Sources	(e) TOTALS
8.		\$		\$	s	\$
9.						
10.						
11.						
12. TOTALS (sum of lines 8 and 11)	\$		s	\$	\$	
12. TOTALS (sum of lines 6 and 11)	SECTIO	N D — FORECAS	STED CASH N			
	Total for 1st Year	1st Q		2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$	\$		\$	\$	s
14. NonFederal						
15. TOTAL (sum of lines 13 and 14)	\$	s		s	\$	\$
	CTION E — BUDGET ESTIMATES	OF FEDERAL FU	NDS NEEDED	FOR BALANCE OF THE	PROJECT	
					ING PERIODS (Years)	
(a) Grant Progran	m	(b) First		(c) Second	(d) Third	(e) Fourth
16.		\$ \$		\$	\$	\$
17.						
18.						
19.						
20. TOTALS (sum of lines 16 - 19)		s		s	s	\$
20. 1017/20 (3011 01 11103 10 - 10)	SECTION	F — OTHER BU	DGET INFORM			
		ach additional She				
21. Direct Charges:		22. Indirect	Charges:			
23. Remarks						